

monthly journal of cardiology blished in association with e British Cardiac Society

British Heart

for coronary heart disease MFOliver
Myocardial infarction and thrombolysis:
electrocardiographic short term and long term
results using precordial mapping R von Essen,
W Schmidt, R Uebis, B Edelmann, S Effert, J Silny,
G Rau
Rupture of the myocardium: occurrence and risk
factors M Dellborg, P Held, K Swedberg, A Vedin
Effect of xamoterol (ICI 118587), a new beta,
adrenoceptor partial agonist, on resting
haemodynamic variables and exercise tolerance in
patients with left ventricular dysfunction
A O Molajo, D H Bennett
How important is a history of chest pain in
determining the degree of ischaemia in patients
with angina pectoris? A A Quyyumi, C M Wright,
LJ Mockus, K M Fox
Ischaemic heart disease and prodromes of sudden
cardiac death: is it possible to identify high risk
groups for sudden cardiac death? JK Madsen
Benign coronary perforation during percutaneous
transluminal coronary angioplasty B Meier
Milrinone in heart failure: acute effects on left
ventricular systolic function and myocardial
metabolism AD Timmis, P Smyth, M Monaghan,
L Walker, K Daly, A A McLeod, D E Jewitt
Milrinone in heart failure: effects on exercise
haemodynamics during short term
treatment AD Timmis, P Smyth, D E Jewitt
Nuclear magnetic resonance in hypertrophic
cardiomyopathy MBeen, DKean, MASmith,
RHB Douglas, JJK Best, AL Muir
Localisation of ventricular septal defects by
simultaneous display of superimposed colour
Doppler and cross sectional echocardiographic
images E Ortiz, PJ Robinson, J E Deanfield,
R Franklin, F J Macartney, R K H Wyse
Cross sectional echocardiographic and
angiocardiographic correlation in criss cross
hearts <i>PJRobinson</i> , <i>VKumpeng</i> , <i>FJMacartney</i>
Evaluation of an elliptical area technique for
calculating mitral blood flow by Doppler
echocardiography SJ Goldberg, DF Dickinson, N Wilson
IN WIISON

1	Functionless retained pacing leads in the cardiovascular system: a complication of pacemaker treatment FZerbe, APoniżyński, W Dyszkiewicz, A Ziemiański, T Dzięgielewski, H Krug	76
6 11	Effect of exercise on ventricular response to atrial fibrillation in Wolff-Parkinson-White syndrome JCPCrick, DWDavies, PHolt, PVL Curry, ESowton	80
17	Intravenous sotalol for the treatment of atrial fibrillation and flutter after cardiopulmonary bypass: comparison with disopyramide and digoxin in a randomised trial TJ Campbell, TP Gavaghan, JJ Morgan	86
22	Factors relating to the development of hypertension after cardiopulmonary bypass TJ Cooper, TH Clutton-Brock, SN Jones, J Tinker, T Treasure	91
27 33	Effect of beta ₁ selective adrenoceptor blockade on physiological response to exercise <i>NF Gordon, JP van Rensburg, HMS Russell, DL Kawalsky, CP Celliers, JF Cilliers, DP Myburgh</i>	96
	Valve prolapse in Behçet's disease Shen Lu-Yi, Cui Guang-Gen, Liang Ru-Lian	100
36	Case reports Diffuse non-specific aortitis with multiple saccular aneurysms and aorto-enteric	
42	fistula AK Mukhopadhayay, P Chopra	102
48	Persistent left sided fifth aortic arch in a neonate A Cabrera, J Galdeano, I Lekuona	105
	Transient Q waves followed by left anterior fascicular block during exercise AGRebuzzi, FLoperfido, LMBiasucci	107
53	Anomalous origin of the left coronary artery from the pulmonary artery in an adult TVesterlund, PEB Thomsen, OK Hansen	110
61	Correspondence	113
	Notices	114
68	British Medical Association	

CONTENTS OF VOLUME 54

Number 1

EDITORIAL: STRATEGIES FOR PREVENTING AND SCREENING FOR CORONARY HEART DISEASE M F Oliver	1
MYOCARDIAL INFARCTION AND THROMBOLYSIS: ELECTROCARDIOGRAPHIC SHORT TERM AND LONG TERM RESULTS USING PRECORDIAL MAPPING	
R von Essen, W Schmidt, R Uebis, B Edelmann, S Effert, J Silny, G Rau	6
RUPTURE OF THE MYOCARDIUM: OCCURRENCE AND RISK FACTORS M Dellborg, P Held, K Swedberg, A Vedin	11
EFFECT OF XAMOTEROL (ICI 118587), A NEW BETA, ADRENOCEPTOR PARTIAL AGONIST ON RESTING HAEMODYNAMIC VARIABLES AND EXERCISE TOLERANCE IN PATIENTS WITH LEFT VENTRICULAR DYSFUNCTION A O Molajo, D H Bennett	17
HOW IMPORTANT IS A HISTORY OF CHEST PAIN IN DETERMINING THE DEGREE OF ISCHAEMIA IN PATIENTS WITH ANGINA PECTORIS? A A Quyyumi, C M Wright, L J Mockus, K M Fox	22
ISCHAEMIC HEART DISEASE AND PRODROMES OF SUDDEN CARDIAC DEATH: IS IT POSSIBLE TO IDENTIFY HIGH RISK GROUPS FOR SUDDEN CARDIAC DEATH? J K Madsen	27
BENIGN CORONARY PERFORATION DURING PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY B Meier	33
MILRINONE IN HEART FAILURE: ACUTE EFFECTS ON LEFT VENTRICULAR SYSTOLIC FUNCTION AND	
MYOCARDIAL METABOLISM A D Timmis, P Smyth, M Monaghan, L Walker, K Daly, A A McLeod, D E Jewitt	36
milrinone in heart failure: effects on exercise haemodynamics during short term treatment A D Timmis, P Smyth, D E Jewitt	42
NUCLEAR MAGNETIC RESONANCE IN HYPERTROPHIC CARDIOMYOPATHY M Been, D Kean, M A Smith, R H B Douglas, J J K Best, A L Muir	48
LOCALISATION OF VENTRICULAR SEPTAL DEFECTS BY SIMULTANEOUS DISPLAY OF SUPERIMPOSED COLOUR DOPPLER AND CROSS SECTIONAL ECHOCARDIOGRAPHIC IMAGES E Ortiz, P J Robinson, J E Deanfield, R Franklin, F J Macartney, R K H Wyse	53
CROSS SECTIONAL ECHOCARDIOGRAPHIC AND ANGIOCARDIOGRAPHIC CORRELATION IN CRISS CROSS HEARTS P J Robinson, V Kumpeng, F J Macartney	61
EVALUATION OF AN ELLIPTICAL AREA TECHNIQUE FOR CALCULATING MITRAL BLOOD FLOW BY DOPPLER ECHOCARDIOGRAPHY S J Goldberg, D F Dickinson, N Wilson	68
FUNCTIONLESS RETAINED PACING LEADS IN THE CARDIOVASCULAR SYSTEM: A COMPLICATION OF PACEMAKER TREATMENT	
F Zerbe, A Poniżyński, W Dyszkiewicz, A Ziemiański, T Dzięgielewski, H Krug	76
EFFECT OF EXERCISE ON VENTRICULAR RESPONSE TO ATRIAL FIBRILLATION IN WOLFF-PARKINSON-WHITE SYNDROME J C P Crick, D W Davies, P Holt, P V L Curry, E Sowton	80
INTRAVENOUS SOTALOL FOR THE TREATMENT OF ATRIAL FIBRILLATION AND FLUTTER AFTER CARDIOPULMONARY BYPASS: COMPARISON WITH DISOPYRAMIDE AND DIGOXIN IN A RANDOMISED TRIAL T J Campbell, T P Gavaghan, J J Morgan	86
TRIAL 2 3 Competition of the com	

EFFECT OF BETA ₁ SELECTIVE ADRENCEPTOR BLOCKADE ON PHYSIOLOGICAL RESPONSE TO EXERCISE N F Gordon, J P van Rensburg, H M S Russell, D L Kawalsky, C P Celliers, J F Cilliers, D P Myburgh	96
VALVE PROLAPSE IN BEHÇET'S DISEASE Shen Lu-Yi, Cui Guang-Gen, Liang Ru-Lian	100
CASE REPORTS DIFFUSE NON-SPECIFIC AORTITIS WITH MULTIPLE SACCULAR ANEURYSMS AND AORTO-ENTERIC FISTULA A K Mukhopadhayay, P Chopra	102
PERSISTENT LEFT SIDED FIFTH AORTIC ARCH IN A NEONATE A Cabrera, J Galdeano, I Lekuona	105
TRANSIENT Q WAVES FOLLOWED BY LEFT ANTERIOR FASCICULAR BLOCK DURING EXERCISE A G Rebuzzi, F Loperfido, L M Biasucci	107
Anomalous origin of the left coronary artery from the pulmonary artery in an adult T Vesterlund, P E B Thomsen, O K Hansen	110
CORRESPONDENCE	113
NOTICES	114
Number 2	
EDITORIAL: THE CHALLENGE AND THE REPROACH OF INFECTIVE ENDOCARDITIS J F Goodwin	115
EDITORIAL: DO WE NEED A NEW STANDARD FOR ELECTROCARDIOGRAPHS? R G Gold	119
ARTEFACTUAL ST SEGMENT ABNORMALITIES DUE TO ELECTROCARDIOGRAPH DESIGN D I Tayler, R Vincent	121
ACUTE CORONARY OCCLUSION DURING PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY M F Shiu, N P Silverton, D Oakley, D Cumberland	129
EFFECT OF SMOKING HABITS AND TIMOLOL TREATMENT ON MORTALITY AND REINFARCTION IN PATIENTS SURVIVING ACUTE MYOCARDIAL INFARCTION PK Rønnevik, T Gundersen, A M Abrahamsen	134
ROLE OF TRANSIENT ISCHAEMIA AND PERIOPERATIVE MYOCARDIAL INFARCTION IN THE GENESIS OF NEW SEPTAL WALL MOTION ABNORMALITIES AFTER CORONARY BYPASS SURGERY P Ribeiro, P Nihoyannopoulos, S Farah, D W Moss, S Westaby, C M Oakley, R A Foale	140
DOES LEFT VENTRICULAR ANEURYSMECTOMY IMPROVE VENTRICULAR FUNCTION IN PATIENTS UNDERGOING CORONARY BYPASS SURGERY?	
N C Taylor, R Barber, P Crossland, E P Wraight, T A H English, M C Petch	145
PREVALENCE OF OVERT DILATED CARDIOMYOPATHY IN TWO REGIONS OF ENGLAND D G Williams, E G J Olsen	153
FAMILIAL RIGHT VENTRICULAR DILATED CARDIOMYOPATHY H W Ibsen, U Baandrup, E E Simonsen	156
PLASMA FREE CAPTOPRIL CONCENTRATIONS DURING SHORT AND LONG TERM TREATMENT WITH ORAL CAPTOPRIL FOR HEART FAILURE	
T R D Shaw, F M Duncan, B C Williams, E Crichton, S A Thomson, J R E Davis, M Rademaker, C R W Edwards	160
ROLE OF ECHOCARDIOGRAPHY IN DIFFERENTIAL DIAGNOSIS OF BROAD COMPLEX TACHYCARDIA C Wren, R W F Campbell, S Hunter	166
INTERRELATION BETWEEN DONOR AND RECIPIENT HEART RATES DURING EXERCISE AFTER HETEROTOPIC CARDIAC TRANSPLANTATION S Yusuf, A Mitchell, M H Yacoub	173

PREVALENCE AND CLINICAL SIGNIFICANCE OF AORTIC VALVE PROLAPSE L M Shapiro, B Thwaites, C Westgate, R Donaldson	179
EMBOLISATION PROCEDURES IN CONGENITAL HEART DISEASE J F Reidy, O D H Jones, M J Tynan, E J Baker, M C Joseph	184
	101
FUNCTIONAL AND ANATOMICAL CORRELATES IN ATRIAL SEPTAL DEFECT: AN ECHOCARDIOGRAPHIC ANALYSIS J C Forfar, M J Godman	193
LEFT VENTRICULAR OUTFLOW TRACT OBSTRUCTION IN COMPLETE TRANSPOSITION OF THE GREAT ARTERIES WITH INTACT VENTRICULAR SEPTUM: A CROSS SECTIONAL ECHOCARDIOGRAPHIC STUDY P J Robinson, R K H Wyse, F J Macartney	201
NON-INVASIVE ASSESSMENT OF PULMONARY BLOOD SUPPLY AFTER STAGED REPAIR OF PULMONARY ATRESIA S del Torso, M J Kelly, V Kalff, G Stellin, R B B Mee, A W Venables	209
CASE REPORTS SPONTANEOUS RECANALISATION OF SIDE BRANCHES OCCLUDED DURING PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY M F Shiu, A Singh	215
FLUID REMOVAL BY HAEMOFILTRATION IN DIURETIC RESISTANT CARDIAC FAILURE S H Morgan, M A Mansell, F D Thompson	218
PERMANENT PACEMAKER FAILURE DUE TO SURGICAL EMPHYSEMA S A Smith, P L Weissberg, L-B Tan	220
CHRONIC NICOTINE INGESTION AND ATRIAL FIBRILLATION P M Stewart, J R Catterall	222
CHANGING ECHOCARDIOGRAPHIC FEATURES OF A HYDATID CYST OF THE HEART W Kostucki, M van Kuyk, A Cornil	224
CORRESPONDENCE	226
NOTICES	226
Number 3	
EDITORIAL: DIGITALIS: WHERE ARE WE NOW? D A Chamberlain	227
DRUG TREATMENT OF HEART FAILURE C T Dollery, L Corr	234
CHANGING DIGOXIN POTENCY AND CARDIAC MORTALITY IN ENGLAND AND WALES 1968-76 H Tunstall-Pedoe	243
RAPID PLASMA DIGOXIN ASSAY IN OUTPATIENTS—A USEFUL ROUTINE TECHNIQUE? J Savill, M Mitchell, D Wood, D M Krikler	248
WITHERING BICENTENNIAL CELEBRATIONS	251
BICENTENARY OF AN ACCOUNT OF THE FOXGLOVE A G W Whitfield	253
WITHERING AND THE FOXGLOVE: THE MAKING OF A MYTH D M Krikler	256
PLANTS AND CARDIAC GLYCOSIDES A Hollman	258
CULTIVATION AND BREEDING OF DIGITALIS LANATA IN THE NETHERLANDS C Mastenbroek	262
LEFT VENTRICULAR ANEURYSM: THE WESSEX EXPERIENCE D J M Keenan, J L Monro, J K Ross, J M Manners, N Conway, A M Johnson	269
VALVAR PROSTHETIC DYSFUNCTION: LOCALISATION AND EVALUATION OF THE DYSFUNCTION USING THE DOPPLER TECHNIQUE C Veyrat, S Witchitz, A Lessana, A Ameur, G Abitbol, D Kalmanson	273

BALLOON VALVULOPLASTY AND ANGIOPLASTY IN CONGENITA	L HEART DISEASE	G A H Miller	285
ARRHYTHMOGENIC POTENTIAL OF DIURETIC INDUCED HYPOKALAEMIA IN PATIENTS WITH MILD			
HYPERTENSION AND ISCHAEMIC HEART DISEASE D E Stewar	t, H Ikram, E A Espiner	M G Nicholls	290
USEFULNESS OF PLASMA RENIN ACTIVITY IN PREDICTING HAEMODYNAMIC AND CLINICAL RESPONSES AND SURVIVAL DURING LONG TERM CONVERTING ENZYME INHIBITION IN SEVERE CHRONIC HEART FAILURE: EXPERIENCE IN 100 CONSECUTIVE PATIENTS			
	Packer, N Medina, M Yu	shak, W H Lee	298
EFFECTS OF ENALAPRIL IN HEART FAILURE: A DOUBLE BLIND STU RENAL FUNCTION, HORMONES, AND METABOLIC STATE	JDÝ OF EFFECTS ON EXERCIS	E PERFORMANCE,	
J G F Cleland, H J Dargie, S G Bal	l, G Gillen, G P Hodsma st, I Robertson, I Ford, J		305
ACUTE HAEMODYNAMIC AND METABOLIC EFFECTS OF DOPEX AGONIST, IN PATIENTS WITH CHRONIC HEART FAILURE	AMINE, A NEW DOPAMINE	RGIC RECEPTOR	
J R Dawson, D S Thompson, M Sig		ll, B S Jenkins, I Webb-Peploe	313
respiratory gas exchange in the assessment of patient $\boldsymbol{\Sigma}$	s with impaired ventric OP Lipkin, J Perrins, P A		321
CASE REPORTS HYPERTROPHIC CARDIOMYOPATHY SIMULATING AN INF	II TDATIVE MVOCADDIAI DI	SEASE	
III ZATROTHIO GRADIONITOTHIII SIMOZATINO AN INT	A Frustaci, F Loperfic		329
MANAGEMENT OF AORTIC LEFT VENTRICULAR TUNNEL	P Ribeiro, L B Bun-Ta	n, C M Oakley	333
RIGHT ATRIAL SPLEEN	P Kuijer, R Dion, F va	n Merrienboer	337
EARLY PRENATAL DETECTION OF DOUBLE OUTLET RIGHT P A	VENTRICLE BY ECHOCARD Stewart, J W Wladimire		340
NOTICE			342
Number	4		
REVIEW: THE PRACTICAL IMPLICATIONS OF THE CORONARY A	RTERY SURGERY TRIALS	D G Julian	343
EFFECT OF EARLY TREATMENT WITH PROPRANOLOL ON LEFT V MYOCARDIAL INFARCTION MA Brown, R M Norris			351
DIGITAL SUBTRACTION ANGIOGRAPHY IN CORONARY ARTE APPLICABILITY		MENT: CLINICAL, G J S Hunter	357
CORONARY ANATOMY IN PATIENTS WITH VARIOUS MANIFESTA DISEASE A A Quyyumi,	TIONS OF THREE VESSEL CO H K Al-Rufaie, E G J C		362
NEW TECHNIQUE FOR SHOWING THE RELATION OF TOMOGOBITAINED WITH THALLIUM-201 TO THE CORONARY ART C J Gibson, E E Laird, E D Will	TERIES		367
EFFECT OF PERCUTANEOUS TRANSLUMINAL CORONARY ANGIO ANGINA A	OPLASTY ON ARRHYTHMIAS O Molajo, G D Summer		375
CHANGES IN LEFT VENTRICULAR STROKE VOLUME MEASURED H Ihlen, E			378

MEASUREMENT OF MITRAL REGURGITATION BY DOPPLER ECHOCARDIOGRAPHY Y Zhang, H Ihlen, E Myhre, K Levorstad, S Nitter-Hauge	384
CORONARY ARTERY ECTASIA: ITS PREVALENCE AND CLINICAL SIGNIFICANCE IN 4993 PATIENTS G G Hartnell, B M Parnell, R B Pridie	392
AORTIC STENOSIS IN ADULTS: NON-INVASIVE ESTIMATION OF PRESSURE DIFFERENCES BY CONTINUOUS WAVE DOPPLER ECHOCARDIOGRAPHY L Hegrenæs, L Hatle	396
CONTROLLED TRIAL OF ENALAPRIL IN CONGESTIVE CARDIAC FAILURE B P McGrath, L Arnolda, P G Matthews, B Jackson, G Jennings, H Kiat, C I Johnston	405
CAPTOPRIL MEDIATED DECREASE OF AORTIC REGURGITATION S N Reske, I Heck, J Kropp, H Mattern, R Ledda, R Knopp, C Winkler	415
ROLE OF CALCIUM IN THE INDUCTION OF CARDIAC HYPERTROPHY AND MYOFIBRILLAR DISARRAY: EXPERIMENTAL STUDIES OF A POSSIBLE CAUSE OF HYPERTROPHIC CARDIOMYOPATHY P C Pearce, C Hawkey, C Symons, E G J Olsen	420
COMPARISON OF PRIMARY PLEXOGENIC ARTERIOPATHY IN ADULTS AND CHILDREN: A MORPHOMETRIC STUDY IN 40 PATIENTS S Yamaki, C A Wagenvoort	428
PERCUTANEOUS BALLOON VALVULOPLASTY FOR PULMONARY VALVE STENOSIS IN INFANTS AND CHILDREN I D Sullivan, P J Robinson, F J Macartney, J F N Taylor, P G Rees, C Bull, J E Deanfield	435
CASE REPORTS	
RAPID EXPANSION OF A SACCULAR ANEURYSM ON THE LEFT CORONARY SINUS OF VALSALVA: A ROLE FOR EARLY SURGICAL REPAIR? R T Faillace, P Greenland, N C Nanda	442
ASSOCIATION BETWEEN POST-PERICARDIOTOMY SYNDROME AND CORONARY OCCLUSION AFTER AORTIC VALVE REPLACEMENT I De Scheerder, M De Buyzere, D Clement	445
MANAGEMENT OF A CASE OF REFRACTORY VARIANT ANGINA WITH BENZHEXOL HYDROCHLORIDE (TRIHEXYPHENIDYL HYDROCHLORIDE) M Joy, G A Haywood, M M Webb-Peploe	448
CORRESPONDENCE	452
NOTICES	454
Number 5	
BLEEDING COMPLICATIONS OF INTRACORONARY FIBRINOLYTIC THERAPY IN ACUTE MYOCARDIAL INFARCTION: ASSESSMENT OF RISK IN A RANDOMISED TRIAL F W A Verheugt, M J van Eenige, J C J Res, M L Simoons, P W Serruys, F Vermeer, D C A van Hoogenhuyze, P J Remme, C de Zwann, F Baer	455
SURGICAL VERSUS NON-SURGICAL MANAGEMENT OF PATIENTS SOON AFTER ACUTE MYOCARDIAL	
R W Brower, P Fioretti, M Simoons, M Haalebos, E N R Rulf, P G Hugenholtz	460
MYOCARDIAL INFARCT SIZE AND MORTALITY IN DIABETIC PATIENTS D J Gwilt, M Petri, P W Lewis, M Nattrass, B L Pentecost	466
CLASSIFICATION OF NON-Q-WAVE MYOCARDIAL INFARCTION ACCORDING TO ELECTROCARDIOGRAPHIC	
CHANGES H Ogawa, K Hiramori, K Haze, M Saito, T Sumiyoshi, K Fukami, Y Goto, M Ikeda	473
RECIPROCAL ST DEPRESSION IN ACUTE MYOCARDIAL INFARCTION O Odemuyiwa, I Peart, C Albers, R Hall	479

CHARACTERISTICS OF EPISODES OF ST ELEVATION OR ST DEPRESSION DURING AMBULATORY MONITORING IN PATIENTS SUBSEQUENTLY UNDERGOING CORONARY ANGIOGRAPHY	
T von Arnim, B Höfling, M Schreiber	484
BYPASS GRAFTING TO THE RIGHT CORONARY ARTERY WITH AND WITHOUT ENDARTERECTOMY: PATENCY AT ONE YEAR P H Kay, N Brooks, P Magee, M F Sturridge, R K Walesby, J E C Wright	489
QUANTIFICATION OF INTRACARDIAC SHUNTS BY GOLD-195M, A NEW RADIONUCLIDE WITH A SHORT HALF LIFE D L Stone, R W Barber, O J M Ormerod, M C Petch, E P Wraight	495
MITRAL VALVE PROLAPSE, AORTIC COMPLIANCE, AND SKIN COLLAGEN IN JOINT HYPERMOBILITY SYNDROME C E Handler, A Chilo, N D Light, D E Dorrance	501
EXERCISE RADIONUCLIDE VENTRICULOGRAPHY IN CHILDREN: NORMAL VALUES FOR EXERCISE VARIABLES AND RIGHT AND LEFT VENTRICULAR FUNCTION	
M D Parrish, R J Boucek Jr, J Burger, M F Artman, C L Partain, T P Graham Jr	509
DIAGNOSIS AND NATURAL HISTORY OF EBSTEIN'S ANOMALY D J Radford, R F Graff, G H Neilson	517
SPECTRUM OF CONGENITAL HEART DISEASE DETECTED ECHOCARDIOGRAPHICALLY IN PRENATAL LIFE L D Allan, D C Crawford, R H Anderson, M Tynan	523
DESCENDING AORTOGRAPHY WITH BALLOON INFLATION: A TECHNIQUE FOR EVALUATING THE SIZE OF PERSISTENT DUCTUS ARTERIOSUS IN INFANTS WITH LARGE PROXIMAL LEFT TO RIGHT SHUNTS P S Rao	527
ASYMMETRIC SEPTAL HYPERTROPHY AND HYPOTHYROIDISM IN CHILDREN	
D I Altman, J Murray, S Milner, R Dansky, S E Levin	533
CARDIAC HYPERTROPHY, HYPERTROPHIC CARDIOMYOPATHY AND HYPERPARATHYROIDISM—AN C Symons, F Fortune, R A Greenbaum, P Dandona	539
HYPERTROPHIC CARDIOMYOPATHY ASSOCIATED WITH A MITOCHONDRIAL MYOPATHY OF VOLUNTARY MUSCLES AND CONGENITAL CATARACT R C A Sengers, A M Stadhouders, E van Lakwijk-Vondrovicova, K Kubat, W Ruitenbeek	543
CASE REPORT CHYLOPERICARDIUM: A RARE COMPLICATION OF A WATERSTON SHUNT J R L Hamilton, H C Mulholland, J Cleland	548
CORRESPONDENCE	550
NOTICES	556
Number 6	
EFFECTS OF MYOCARDIAL REVASCULARISATION IN PATIENTS WITH EFFORT ANGINA AND THOSE WITH EFFORT AND NOCTURNAL ANGINA	
A A Quyyumi, C A Wright, L J Mockus, M Yacoub, K M Fox	557
DOPPLER ECHOCARDIOGRAPHIC MEASUREMENT OF FLOW VELOCITY IN THE ASCENDING AORTA DURING SUPINE AND UPRIGHT EXERCISE P J Daley, K B Sagar, L S Wann	562
SINUS NODE SEQUENCES AFTER ATRIAL STIMULATION: SIMILARITIES OF EFFECTS OF DIFFERENT METHODS W F Heddle, M E Jones, A M Tonkin	568
PREOPERATIVE AND POSTOPERATIVE PULMONARY FUNCTION TESTS IN PATIENTS WITH ATRIAL SEPTAL DEFECT AND THEIR RELATION TO PULMONARY ARTERY PRESSURE AND PULMONARY: SYSTEMIC FLOW RATIO P M Schofield, P V Barber, T Kingston	577
CONGENITAL HEART MALFORMATIONS IN THE FIRST YEAR OF LIFE—A NECROPSY STUDY A S Hegerty, R H Anderson, S Y Ho	583

THE HEART AND TUBEROUS SCLEROSIS: AN ECHOCARDIOGRAPHIC AND ELECTROCARDIOGRAPHIC STUDY J L Gibbs 59 CASE REPORTS ATRIOVENTRICULAR AND SINOATRIAL BLOCK IN THYROTOXIC CRISIS	93
	96
ATRIOVENTRICULAR AND SINOATRIAL BLOCK IN THYROTOXIC CRISIS	
M R Kramer, S Shilo, C Hershko 60	00
MYOCARDIAL TUBERCULOMA WITH RUPTURE AND PSEUDOANEURYSM FORMATION—SUCCESSFUL SURGICAL TREATMENT MA Halim, EN Mercer, GA Guinn 60	03
EFFICACY OF AN IMPLANTED AUTOMATIC DEFIBRILLATOR WHICH HAD INDUCED ATRIAL FIBRILLATION L Jordaens, R Hamerlynck, D L Clement 60	05
PROCEEDINGS OF THE BRITISH CARDIAC SOCIETY 60	09
CORRESPONDENCE 65	57
NOTICES 65	59
INDEX 66	60